


Memorandum

TO: Mr. Denny Darnold
Planning Director

FROM: Sheldon J. Johnson 
Transportation Group Leader

DATE: August 25, 1999

RE: Stageline Road Area Roadway Planning – Revised Analysis
Our File No. 97-99-101, Additional Services

The original Stageline Road Area Roadway Planning memorandum, dated June 7, 1999, assumed various land uses within the planning area identified for the study. The City of Hudson has requested that traffic assignment zones 213, 214, and 215 be deleted from the study and that the volume projections be reviewed to determine the effect upon the roadway system. This memorandum presents the results of the revised analysis.

The traffic assignment zones used for the study are shown on Figure 1. Note that zones 213, 214, and 215 are shown as deleted. The volumes generated by the land use buildout assumptions for zones 200-212 have been revised by removing the volumes generated by the deleted zones. The a.m. and p.m. peak hour volumes generated by the assumed land uses are shown on Figures 2 and 3 respectively. The daily volume estimates generated by the assumed land uses are shown on Figure 4. The daily volumes generated by the land uses plus the background traffic (traffic passing through the study area) are shown on Figure 5.

The revised volumes would slightly alter the recommended traffic lanes that were provided in the original study. These revisions are stated below:

- The two-lane segment of Stageline Road, originally shown from “old” S.H. 35 to just east of the north-south collector that is located on the west side of “future” S.H. 35, can be extended to this north-south collector.
- The four-lane segment of Hanley Road between the S.H. 35 ramps and “old” S.H. 35 can be a two-lane roadway with the revised volumes.

The recommended traffic lanes, using the revised volumes, are shown on Figure 6. The volumes of the facilities are still of a sufficient magnitude where a four-lane section along those roadways, as indicated, is a good long-range planning decision.